



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 26.11.2012

revision 26.11.2012

Pyrol Bug & Larvae Killer

613614, 613632, 613636

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product

Pyrol Bug & Larvae Killer
Prod-Nr. 613614, 613632, 613636

Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Insecticide spray.

Effect of the substance / the mixture

Insecticide, contains pyrethrins - works as a neurotoxin.

Details of the supplier of the safety data sheet

Manufacturer/distributor

W. Neudorff GmbH KG (UK)
An der Mühle 3, D-31860 Emmerthal
Phone +49 (0) 5155-624-0, Fax +49 (0) 5155-6010
E-Mail info@neudorff.de
Internet www.neudorff.de

Advice

Betriebsleitung / Labor
Phone + 49 5155-624-0
E-mail (competent person):
h.hohlfeld@neudorff.de

Emergency telephone number

Emergency advice

Phone +49 5155-624-0

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

--

Additional hints

The test L2 for self-sustained combustion in accordance with UN, Part III section 32 or 2.6.4.5 CLP Regulation is negative.

Label elements

Labelling according to 67/548/EEC or 1999/45/EC

S-phrases

2 Keep out of the reach of children.
46 If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

pyrethrins incl. cinerins

Other hazards



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 26.11.2012

revision 26.11.2012

Pyrol Bug & Larvae Killer

613614, 613632, 613636

Information pertaining to special dangers for human and environment

Avoid release to the environment.

Avoid contact with skin and eyes.

SECTION 3: Composition/ information on ingredients

Mixtures

Hazardous ingredients

CAS No	EC No	Name	[%]	Classification according to 67/548/EEC
67-63-0	200-661-7	propan-2-ol	4	F R11; Xi R36; R67
8003-34-7	232-319-8	pyrethrins including cinerins	0,005	Xn R20/21/22; N R50-53

CAS No	EC No	Name	[%]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
67-63-0	200-661-7	propan-2-ol	4	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
8003-34-7	232-319-8	pyrethrins including cinerins	0,005	Acute Tox. 4, H332 / Acute Tox. 4, H312 / Acute Tox. 4, H302 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410

Description

Insecticide product, ready to use.

Additional advice

Contains rapeseed oil.

SECTION 4: First aid measures

Description of first aid measures

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with soap and water.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Consult a physician if symptoms appear.

Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

No produkt specific symptoms known.

Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

No specific antidote known. Treatment: symptomatically.



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 26.11.2012

revision 26.11.2012

Pyrol Bug & Larvae Killer

613614, 613632, 613636

| SECTION 5: Firefighting measures

Extinguishing media

| **Suitable extinguishing media**

water

Foam

Dry powder

Carbon dioxide

| **Extinguishing media which must not be used for safety reasons**

unknown

Special hazards arising from the substance or mixture

Do not inhale burn gases.

Advice for firefighters

| **Special protective equipment for fire-fighters**

In case of fire you have to use a respiratory protection equipment.

| **Additional information**

Product does not burn continuously.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Take up with absorbent material (e.g. general-purpose binder).

Reference to other sections

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Follow the instructions !

Advice on protection against fire and explosion

Product does not burn continuously.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.

Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

Further information on storage conditions

Frost-protected store is needed!

Do not keep at temperatures above 30°C.



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 26.11.2012

revision 26.11.2012

Pyrol Bug & Larvae Killer

613614, 613632, 613636

Information on storage stability

Protect from light.

Storage group 12

Specific end use(s)

Recommendation(s) for intended use

Use only as insecticide spray according to the operating instruction!

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Respiratory protection

not required

Hand protection

Gloves (solvent-resistant)

Eye protection

not required

General protective measures

Avoid contact with eyes and skin

Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink, smoke or take drugs.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form

liquid, emulsion

Colour

whitish

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	6,08	20 °C		CIPAC MT 75	
Flash point	52 °C			EEC A9 / DIN EN 22719	
Density	0,992 g/cm ³	20 °C		EEC A 3	
Solubility in water					soluble
Solvent concentration	ca. 4,0 %				

Oxidizing properties

The product has no oxidizing properties.



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 26.11.2012

revision 26.11.2012

Pyrol Bug & Larvae Killer

613614, 613632, 613636

Explosive properties

No explosive properties.

Other information

The test L2 for self-sustained combustion in accordance with UN, Part III section 32 or 2.6.4.5 CLP Regulation is negative.

SECTION 10: Stability and reactivity

Reactivity

Chemical stability

Possibility of hazardous reactions

Conditions to avoid

unknown

Incompatible materials

Hazardous decomposition products

unknown

Additional information

No decomposition during correct storage.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat	calculation	
Irritability skin	non-irritant			
Irritability eye	non-irritant			
Skin sensitization	non-sensitizing			

SECTION 12: Ecological information

Toxicity

Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability				Biodegradable

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 26.11.2012

revision 26.11.2012

Pyrol Bug & Larvae Killer

613614, 613632, 613636

General regulation

Pyrethrum decomposes within 24 h nearly completely.

Not toxic to bees.

Harmful to aquatic organisms.

SECTION 13: Disposal considerations

Waste treatment methods

Waste code No.

02 01 08*

06 13 01*

Name of waste

agrochemical waste containing dangerous substances

inorganic plant protection products, wood-preserving agents and other biocides.

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

In accordance with regulations for special waste, must be taken to a special waste disposal.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Recommended cleansing agent

Water, perhaps household cleaner

General information

Small amounts out of private households should be given away to the official disposal sites.

Follow the instructions !

SECTION 14: Transport information

Land and inland navigation transport ADR/RID

The test L2 for self-sustained combustion in accordance with UN, Part III section 32 or 2.6.4.5 CLP Regulation is negative.

Not classified.

Special precautions for user

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC standard

VOC content 4 %

National regulations

Water hazard class 1 self-classification



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed 26.11.2012

revision 26.11.2012

Pyrol Bug & Larvae Killer

613614, 613632, 613636

Chemical Safety Assessment

| SECTION 16: Other information

| Recommended uses and restrictions

Follow the instructions !

Authorized crop protection pesticide.

Further information

The information provided in this Safety Data Sheet is supplied in good faith is accurate at the date of its publication.

The information will be updated as and when appropriate. It is not a specification of the product nor does it list the uses.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 11 Highly flammable.

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R 36 Irritating to eyes.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 67 Vapours may cause drowsiness and dizziness.

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.